U.S. Ser. No. 09/143,503 U.S. Control No. 90/004,946

Exhibit 41

ADVANCED CARDIOVASCULAR SYSTEMS

EXTRUSION DATA SHEET

START TIME: DATE: 6/7/94 FINISH TIME:

EXTRUSION #: 10-591-1 AMOUNT (FEET): 1000 SIGNATURE/DATE NIM

MATERIALS : MATERIAL DESC.

LOT# :

RM# ____

PEEK VICTREX

EXTRUDER

PROCESS PERSON T.TOMAS

REQUESTOR J.LEE

PRODUCT 1315

SA#

SET-UP PARAMETERS:

MANDREL LGTH (EXT ONLY)

FLUSH EXPERIMENTAL Y

ROUND Y

DIE I.D. .094 L

OVAL N

PRODUCTION N

MANDREL O.D. .072 XHEAD Y

SCREW TYPE

PULLER SPEED BARREL 1 BARREL 2 BARREL 3 HEAD PSI TUBING O.D. AVG.DIA. . AVG.STD.DEV.

アド 4770-3

STRAIGHT N

SCREEN TYPE 20 8Ŏ 20 START ID/OD .033/.038 FINISH ID/OD .033/.038

PROCESS PARAMETERS

TEMPERATURE S	ETPOINTS	SPEEDS &	SETPOINTS	PSI &	AIR
ZONE 2 675.0 ZONE 3 675.0 CLAMP 675.0 INLET 675.0 G/PUMP 0.0 PMP OUT 575.0 XHEAD 0.0 MATERIAL DRYIN	DIE 3 675.0 W/B TEMP 0.0	PSI SET EXTR. AMP PUL SPEED W/B DIST.	3568.0 10.6 48,2 1 INCH	DIE P AIR P	PSI 2005.0 SI 3568.0 SI 1 5.0 2 0.1 3 0.3 4 0.3
SETPOINT	ACTUAL 6 ACT	UAL 7 A	CTUAL 8	ACTUAL 9	ACTUAL10
G/PUMP PSI PUMP AMP SCREW RPM EXTRUDER AMP					4.

ADVANCED CARDIOVASCULAR SYSTEMS EXTRUSION DATA SHEET

START TIME: FINISH TIME:

. .

EXTRUSION #: 10-592-1 AMOUNT (FEET): 1000 DATE: 6/7/94 SIGNATURE/DATE WWW G-7-04

MATERIALS : MATERIAL DESC.

LOT# : ----- RM#

PEEK VICTREX

EXTRUDER

PROCESS PERSON T. TOMAS

REQUESTOR J.LEE

PRODUCT 1315

SA#

SET-UP PARAMETERS:

MANDREL LGTH (EXT ONLY)

FLUSH OVAL N EXPERIMENTAL Y

DIE I.D. .094 L

MANDREL O.D. .072

ROUND Y XHEAD Y

PRODUCTION N STRAIGHT N

SCREW TYPE

BE 4220-3

SCREEN TYPE 20 80 20

START ID/OD .033/.038

FINISH ID/OD .033/.038

PROCESS PARAMETERS

TEMPERATURE SETPOINTS	SPEEDS & SETPOINTS	PSI & AIR
		many space space space space space state state state.
ZONE 1 575.0 MELT 787 0.0 ZONE 2 650.0 DIE 1 32.0	SCREW RPM 2.0	HEAD PSI 2259.0
ZONE 2 650.0 DIE 1 32.0	PSI SET 4002.0	DIE PSI 4001.0
ZONE 3 675.0 DIE 2 0.0	EXTR. AMP 12.5	AIR PSI 1 2.1
CLAMP 675.0 DIE 3 675.0	PUL SPEED 48,2	2 0.1
INLET 675.0 W/B TEMP 0.0	W/B DIST.60 INCH	3 0.3
G/PUMP 0.0		4 0.3
PMP QUT- 575.Q		
XHEAD 0.0		
MATERIAL DRYING THE SANE D	EMPOTENT - H H OF HOS	DEVING 12-brs

MATERIAL DRYING TMP. 500 t DEWPOINT - 41 # OF HRS DRYING TO THE

ACTUAL PARAMETER COLLECTED EVERY 10 MINUTES

SETPOINT	ACTUAL11	ACTUAL12	ACTUAL13	ACTUAL14	ACTUAL15
G/PUMP PSI	3848	4007	3970	4075	198 1988 1988 1988 1988 1988
PUMP AMP	0	0	0	0	
SCREW RPM	2	2	2	2	
EXTRUDER AMP	12	12	12	14	-
PULLER SPEED					
BARREL 1	2181	2316	2241	2344	
BARREL 2	0	0	0	0	
BARREL 3	0	0	0	0	
HEAD PSI	3848	4007	3970	4075	
TUBING O.D.	0,0000	0.0000	0.0000	0.0000	
AVG.DIA.	0.0000	0.0000	0.0000	0.0000	
AVG.STD.DEV.	0.0000	0.0000	0.0000	0.0000	

ADVANCED CARDIOVASCULAR SYSTEMS

EXTRUSION DATA SHEET

START TIME: FINISH TIME: EXTRUSION #: 10-593-1 AMOUNT (FEET): 1000 DATE: 6/7/94 SIGNATURE/DATE WWW 6-7-94

MATERIALS :

MATERIAL DESC.

LOT# :

ROUND Y

RM#

PEEK VICTREX

EXTRUDER 10

PROCESS PERSON T.TOMAS

REQUESTOR J.LEE

PRODUCT 1315

SA#

SET-UP PARAMETERS:

MANDREL LGTH (EXT ONLY) FLUSH

EXPERIMENTAL Y

DIE I.D. .094 L

OVAL N XHEAD Y PRODUCTION N STRAIGHT N

MANDREL O.D. .072 SCREW TYPE 中日 以りりープ

SCREEN TYPE 20 80 20

START ID/OD .033/.038

FINISH ID/OD .033/.038

PROCESS PARAMETERS

TEMPERATURE SETPOINTS	SPEEDS & SETPOINTS	PSI & AIR
		Make Military Salaha Majaga Majaya Adaptar
ZONE 1 6760.0 MELT 825 0.0	SCREW RPM 2.0	HEAD PSI 2200.0
ZONE 2 660.0 DIE 1 32.0	PSI SET 3827.0	DIE PSI 3827.0
	EXTR. AMP 14.9 PUL SPEED 48,2 37,8	AIR PSI 1 1.6
CLAMP 775 .0 DIE 3 715.0	PUL SPEED 43,2 3 なん	2 0.1
INLET 715.0 W/B TEMP 0.0		3 0.3
G/PUMP 0.0		4 0.3
P MP 0UT 575. 0		
XHEAD 0.0		
MATERIAL DRYING TMP. 300 F D	EWPOINT $-H$ # OF HRS C	RYING 12

ACTUAL PARAMETER COLLECTED EVERY 10 MINUTES

SETPOINT	ACTUAL21	ACTUAL22	ACTUAL23	ACTUAL24	ACTUAL25
CONT. CONT. CONT. CONT. CONT. CONT. CONT.	the second second second		THE THE THE THE THE THE THE THE		THE THE RESIDENCE THE SECTION OF
G/PUMP PSI	3780	3654	3692	3615	3827
PUMP AMP	0	0	0	0	0
SCREW RPM	2	2	2	2	2
EXTRUDER AMP	13	12	13	12	1.5
PULLER SPEED					
BARREL 1	2114	2100	2084	2035	2200
BARREL 2	0	0	0	0	0
BARREL 3	Q	0	0	0	0
HEAD PSI	3780	3654	3692	3615	3827
TUBING O.D.	0.0000	0.000	0.0000	0.0000	0.0000
AVG.DIA.	0.000	0.0000	0.0000	0.0000	0.0000
AVG.STD.DEV.	0.000	0.0000	0.0000	0.0000	0.0000

ADVANCED CARDIOVASCULAR SYSTEMS EXTRUSION DATA SHEET

START TIME: FINISH TIME: EXTRUSION #: 10-594-1 AMOUNT (FEET): 1000 DATE: 6/7/94 SIGNATURE/DATE AND 6-7-94

MATERIALS : MATERIAL DESC.

LOT# :

RM#

PEEK VICTREX

EXTRUDER 10

PROCESS PERSON T.TOMAS

REQUESTOR J.LEE

PRODUCT 1315

SA#

SET-UP PARAMETERS:

MANDREL LGTH (EXT ONLY) FLUSH

EXPERIMENTAL Y

DIE I.D. .094 L

OVAL N ROUND Y XHEAD Y

PRODUCTION N STRAIGHT N

MANDREL O.D. .072

1000

SCREW TYPE PE 4770-3

SCREEN TYPE 20 80 20

START ID/OD .033/.038

FINISH ID/OD .033/.038

PROCESS PARAMETERS _____

TEMPERATURE SETPOINTS	SPEEDS & SETPOINTS	PSI & AIR
~~~~	*** *** *** *** *** *** *** *** *** **	
ZONE 1565-0-0 MELT 930 0.0	SCREW RPM 2.0	HEAD PSI 2069.0
ZONE 2 65 0 0.0 DIE 1 32.0	PSI SET 3690.0	DIE PSI 3690.0
ZONE 3 715.0 DIE 2 0.0	EXTR. AMP 13.0	AIR PSI 1 1.6
CLAMP <b>715.</b> 0 DIE 3 715.0	PUL SPEED 48,2	2 0.1
INLET 715.0 W/B TEMP 0.0	W/B DIST. 60 IN.	3 0.3
G/PUMP 0.0		4 0.3
PM <del>P 0UT-573.</del> 0		
XHEAD 0.0		
MATERIAL DRYING TMP. 300 F DE	EWPOINT <u>- Hl</u> # OF HRS D	RYING <u>12</u>

#### ACTUAL PARAMETER COLLECTED EVERY 10 MINUTES

SETPOINT	ACTUAL26	ACTUAL27	ACTUAL28	ACTUAL29	ACTUAL30
G/PUMP PSI	3596	3571	3579 -	3708	3672
PUMP AMP	· Q	0	0	0	O
SCREW RPM	2	2	2	2	. 2
EXTRUDER AMP	12	11	11	13	13 .
PULLER SPEED				***************************************	
BARREL 1	2011	2002	2039	2095	2066
BARREL 2	0	0	0	0	0
BARREL 3	<b>O</b>	0	0	0	. •
HEAD PSI	3596	3571	3579	3708	3672
TUBING O.D.	0.0000	0.0000	0.0000	0.000	0.0000
AVG.DIA.	0.0000	0.0000	0.0000,	0.0000	0.0000
AVG.STD.DEV.	0.0000	0.0000	0.0000	0.0000	0.0000